

**ABSTRACT**

A vacuum gripper for suctioning work pieces, having a vacuum connection, a flexible suction body and a suction body holder, where the side of the suction body facing the work piece has a sealing lip bounding a vacuum chamber, and the vacuum chamber is connected to the vacuum connection. The suction body has a contact surface abutting the work pieces with prevailing vacuum in the vacuum chamber. The contact surface is provided with elements, where the elements are have a rod or pin-shaped configuration and form a microstructure.